

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-18 (Cancelled)

19. (Previously presented) An elevator installation, comprising:
- an elevator cage;
 - a drive pulley;
 - at least one support means formed as a flat belt; and
 - a drive engine which drives the at least one support means, which carries the elevator cage, by way of the drive pulley, wherein the support means has, at least on a running surface facing the drive pulley, several ribs of wedge-shaped or trapezium-shaped cross-section which extend parallel in a longitudinal direction of the support means and further has several tensile carriers oriented in the longitudinal direction of the support means, the tensile carriers being sized so that a total cross-sectional area of all the tensile carriers amounts to at least 25% of a cross-sectional area of the support means, wherein spacings (A) between centers of two tensile carriers associated with a rib are smaller than spacings (B) between the centers of adjacent tensile carriers associated with two adjoining ribs, wherein the spacings (A) between centers of two tensile carriers associated with a rib are not more than 20%

smaller than the spacings (B) between the centers of adjacent tensile carriers associated with two adjoining ribs.

Claims 20-30 (Cancelled)

31. (Previously presented) An elevator installation, comprising:

an elevator cage;

a drive pulley;

at least one support means formed as a flat belt; and

a drive engine which drives the at least one support means, which carries the elevator cage, by way of the drive pulley, wherein the support means has, at least on a running surface facing the drive pulley, several ribs of wedge-shaped or trapezium-shaped cross-section which extend parallel in a longitudinal direction of the support means and further has several tensile carriers oriented in the longitudinal direction of the support means, the tensile carriers being sized so that a total cross-sectional area of all the tensile carriers amounts to at least 25% of a cross-sectional area of the support means, wherein the tensile carriers are sized so that a total cross-sectional area of all the tensile carriers amounts to 30% - 40% of a cross-sectional area of the support means, wherein spacings (A) between centers of two tensile carriers associated with a rib are smaller than spacings (B) between the centers of adjacent tensile carriers associated with two adjoining ribs, wherein the spacings (A) between centers of two tensile carriers associated with a rib are

not more than 20% smaller than the spacings (B) between the centers of adjacent tensile carriers associated with two adjoining ribs.

Claims 32-39 (Cancelled)

40. (Previously presented) An elevator installation, comprising:

an elevator cage;

a drive pulley;

at least one support means formed as a flat belt; and

a drive engine which drives the at least one support means, which carries the elevator cage, by way of the drive pulley, wherein the support means has, at least on a running surface facing the drive pulley, several ribs of wedge-shaped or trapezium-shaped cross-section which extend parallel in a longitudinal direction of the support means and further has several tensile carriers oriented in the longitudinal direction of the support means, the tensile carriers being sized so that a total cross-sectional area of all the tensile carriers amounts to at least 25% of a cross-sectional area of the support means,

wherein at least one of the drive pulley and a counterweight support roller has grooves in its periphery formed complementary to the ribs of the support means,

wherein the elevator cage is equipped with cage support rollers around which the support means runs in order to support said elevator cage, the ribs of the support means being disposed on a side of the support means remote from

said cage support rollers, said elevator cage further having guide rollers provided with grooves co-operating with the ribs of the support means so as to provide lateral guidance to said support means, and

wherein spacings (X) between outer contours of the tensile carriers and surfaces of the ribs are less than 17% of a pitch spacing (T) between the ribs.

Claims 41-46 (Cancelled)

47. (New) A support apparatus, comprising:

a plurality of ribs of wedge-shaped or trapezium-shaped cross-section which extend parallel in a longitudinal direction of the support apparatus, the plurality of ribs arranged at least on a running surface facing a drive pulley; and

a plurality of tensile carriers oriented in the longitudinal direction of the support apparatus, spacings (X) between outer contours of the tensile carriers and surfaces of the ribs being less than 17% of a pitch spacing (T) between the ribs.

48. (New) The support apparatus of claim 47, wherein the support apparatus is adapted to carry an elevator cage by way of the drive pulley.

49. (New) The support apparatus of claim 48, wherein the elevator cage is equipped with cage support rollers around which the support apparatus runs in order to support the elevator cage, the ribs of the support apparatus being

disposed on a side of the support apparatus remote from the cage support rollers, the elevator cage further having guide rollers provided with grooves co-operating with the ribs of the support apparatus so as to provide lateral guidance to the support apparatus.

50. (New) The support apparatus of claim 48, wherein at least one of the drive pulley and a counterweight support roller has grooves in its periphery formed complementary to the ribs of the support apparatus.

51. (New) The support apparatus of claim 47, wherein the tensile carriers are sized so that a total cross-sectional area of all the tensile carriers amounts to at least 25% of a cross-sectional area of the support apparatus.